

International Application No  
PCT/FR2005/000156

According to International Patent Classification (IPC) or to both national classification and IPC

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBASE, WPI Data, BIOSIS, PAJ

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/31021 A (UNIV GENEVE ; CONRAD BERNARD (CH); MACH BERNARD (CH)) 3 May 2001 (2001-05-03) page 26 - page 28	1-10
X	WO 99/67395 A (INST NAT SANTE RECH MED ; PERIN JEAN PIERRE (FR); RIEGER FRANCOIS (FR)) 29 December 1999 (1999-12-29) page 32 - page 33; table 1	1-10
X	WO 03/035110 A (CEDARS SINAI MEDICAL CENTER) 1 May 2003 (2003-05-01) page 8, line 1 - line 4	1-10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

**\*X** document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

**8 June 2005**

Date of mailing of the international search report

21/06/2005

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## INTERNATIONAL SEARCH REPORT

International Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	<p>ROLLAND A ET AL: "Correlation between disease severity and in vitro cytokine production mediated by MSRV (Multiple Sclerosis associated RetroViral element) envelope protein in patients with multiple sclerosis"</p> <p>JOURNAL OF NEUROIMMUNOLOGY, ELSEVIER SCIENCE PUBLISHERS BV, vol. 160, no. 1-2, March 2005 (2005-03), pages 195-203, XP004745503 ISSN: 0165-5728 cited in the application Available online on 08.12.2004.figure 4</p>	11
A	<p>BLOND J-L ET AL: "MOLECULAR CHARACTERIZATION AND PLACENTAL EXPRESSION OF HERV-W, A NEW HUMAN ENDOGENOUS RETROVIRUS FAMILY"</p> <p>JOURNAL OF GENERAL VIROLOGY, SOCIETY FOR GENERAL MICROBIOLOGY, READING, GB, vol. 73, no. 2, February 1999 (1999-02), pages 1175-1185, XP000828006 ISSN: 0022-1317 abstract</p>	1-11
A	<p>JIANG Q ET AL: "Cutting edge: Lipopolysaccharide induces physical proximity between CD14 and Toll-like receptor 4 (TLR4) prior to nuclear translocation of NF-<math>\kappa</math>B"</p> <p>JOURNAL OF IMMUNOLOGY 01 OCT 2000 UNITED STATES, vol. 165, no. 7, 1 October 2000 (2000-10-01), pages 3541-3544, XP002296558 ISSN: 0022-1767 abstract</p>	1-11
A	<p>LEHNARDT SEIJA ET AL: "The toll-like receptor TLR4 is necessary for lipopolysaccharide-induced oligodendrocyte injury in the CNS"</p> <p>JOURNAL OF NEUROSCIENCE, vol. 22, no. 7, 1 April 2002 (2002-04-01), pages 2478-2486, XP002296559 ISSN: 0270-6474 the whole document</p>	1-11
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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PERRON H ET AL: "Multiple sclerosis retrovirus particles and recombinant envelope trigger an abnormal immune response in vitro, by inducing polyclonal Vbeta16 T-lymphocyte activation" VIROLOGY, vol. 287, no. 2, 1 September 2001 (2001-09-01), pages 321-332, XP002296560 ISSN: 0042-6822 the whole document	1-11
A	WO 95/21256 A (BIO MERIEUX ; BEDIN FREDERIC (FR); BESEME FREDERIC (FR); MALLET FRANCO) 10 August 1995 (1995-08-10) the whole document	1-11
A	WO 01/16171 A (INST NAT SANTE RECH MED ; BIO MERIEUX (FR); BLOND JEAN LUC (FR); BOUTO) 8 March 2001 (2001-03-08) the whole document	1-11
A	PERRON H ET AL: "Molecular identification of a novel retrovirus repeatedly isolated from patients with multiple sclerosis" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 14, no. 94, 8 July 1997 (1997-07-08), pages 7538-7588, XP002059256 ISSN: 0027-8424 the whole document	1-11
A	SERRA CATERINA ET AL: "In vitro modulation of the multiple sclerosis (MS)-associated retrovirus by cytokines: Implications for MS pathogenesis." JOURNAL OF NEUROVIROLOGY, vol. 9, no. 6, December 2003 (2003-12), pages 637-643, XP009048660 ISSN: 1355-0284 the whole document	1-11
A	FIROUZI R ET AL: "Multiple sclerosis-associated retrovirus particles cause T lymphocyte-dependent death with brain hemorrhage in humanized SCID mice model." JOURNAL OF NEUROVIROLOGY, vol. 9, no. 1, February 2003 (2003-02), pages 79-93, XP009048638 ISSN: 1355-0284 cited in the application the whole document	1-11
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PERRON HERVE ET AL: "Particle-associated retroviral RNA and tandem RGH/HERV-W copies on human chromosome 7q: Possible components of a 'chain-reaction' triggered by infectious agents in multiple sclerosis?"</p> <p>JOURNAL OF NEUROVIROLOGY, vol. 6, no. Supplement 2, May 2000 (2000-05), pages S67-S75, XP009048659 ISSN: 1355-0284 cited in the application the whole document</p>	1-11

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